

ABSTRACT OF THE DISCLOSURE

TAC and additives are mixed in a mixture solvent of dichloromethane, methanol and n-butanol to obtain a dispersion solution. The dispersion solution is heated to become a low
5 concentration dope whose concentration is 19.3 wt.%. The low concentration dope is fed with a pump, and supplied through a flash nozzle to a concentrating apparatus to performing flash evaporation of the solvent in the concentrating apparatus. Thus part of the solvent in the low concentration dope evaporates
10 to obtain a condensed dope. The part of the solvent is condensed on a condensation surface to obtain a condensed solvent. The condensed solvent flows through a pipe out of the concentrating apparatus. The high concentration dope has a solid content of 22.3 wt.%, and drawn through a pump. As the solid content of
15 the high concentration dope is high, a polymer film having the self-supporting property can be easily formed of the high concentration dope in a film production line.